

Title (en)  
Water treatment agent.

Title (de)  
Wasserbehandlungsmittel.

Title (fr)  
Agent pour le traitement de l'eau.

Publication  
**EP 0491391 A1 19920624 (EN)**

Application  
**EP 91121737 A 19911218**

Priority  
• GB 9027357 A 19901218  
• GB 9109861 A 19910508  
• GB 9123501 A 19911106

Abstract (en)  
Unsaturated compounds which can be dissolved in aqueous based solvents, such as ethylenic or acetylenic carboxylate or alcohols with less than 10 carbon atoms, especially maleic and/or acrylic acid or propargyl alcohol, are reacted with alkali metal phosphite in aqueous solution at neutral or alkaline pH in the presence of free radical initiators such as persulphate to form threshold scale and corrosion inhibitors.

IPC 1-7  
**C02F 5/14; C07F 9/38; C11D 3/36**

IPC 8 full level  
**C02F 5/00** (2006.01); **C02F 5/08** (2006.01); **C02F 5/10** (2006.01); **C02F 5/14** (2006.01); **C07F 9/38** (2006.01); **C07F 9/40** (2006.01); **C09K 3/00** (2006.01); **C11D 3/36** (2006.01); **C11D 3/37** (2006.01); **C23F 11/167** (2006.01); **C23F 14/02** (2006.01); **E21B 43/28** (2006.01)

CPC (source: EP KR)  
**C02F 5/14** (2013.01 - EP); **C07F 9/38** (2013.01 - KR); **C07F 9/3808** (2013.01 - EP); **C07F 9/3839** (2013.01 - EP); **C11D 3/361** (2013.01 - EP); **C11D 3/3784** (2013.01 - EP); **C23F 11/1676** (2013.01 - EP); **C23F 14/02** (2013.01 - EP)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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**EP 91121737 A 19911218**; AT 91121737 T 19911218; AU 2009295 A 19950516; AU 8978491 A 19911217; BR 9105481 A 19911217; CA 2057822 A 19911217; DE 69119377 T 19911218; DK 91121737 T 19911218; ES 91121737 T 19911218; FI 915967 A 19911218; GB 9126859 A 19911218; GR 960401643 T 19960619; JP 21877597 A 19970813; JP 33507091 A 19911218; KR 910023369 A 19911218; MX 9502287 A 19911218; MY P119912337 A 19911218; NO 915002 A 19911218; SG 1996002765 A 19911218; TW 80110254 A 19911230